

## SEARCH REQUEST FORM

Scientific and Technical Information Center

(49)

Requester's Full Name: Julie Anne Watko Examiner #: 77602 Date: 07/16/2003  
 Art Unit: 5652 Phone Number 305-7747 Serial Number: 09 811 606  
 Mail Box and Bldg/Room Location: CPK2-4R13 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Magnetoresistive Sensor w/magnetic Domain Control Layer w/High Electric Resistivity  
 Inventors (please provide full names): Takahashi, Hironasa; Arai, Reiko; Soeya, Susumu

Earliest Priority Filing Date: July 6, 2000

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A magnetoresistive (MR) (sensor, head or element) with (domain control longitudinal bias Barkhausen noise preventing) (layers or films)

having high (resistivity specific resistance)  $\geq 10 \text{ m}\Omega\text{cm}$  (milli-ohm-centimeter) (m-ohm-cm)

especially a laminate of  $\text{SiO}_2$  glass insulator with CoCrPt magnet

(See also attached claims)

7/16/03

## STAFF USE ONLY—

STAFF USE ONLY—	Type of Search	Vendors and cost where applicable
Searcher: _____	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr. Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____ \$